APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

TRI:FES:9-19
Solid Solution of Iron in Aluminum, by Gerard Cabane.

FRENCH, per, Comptes [redacted] Rendus, Vol CCLIV,
No 19, 1962, pp 3360-3362.

*AEC

Sci - Chem
10 Sep 1962

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Characteristics of Chromospheric Eruptions Associated with Radio Emissions Observed in the Region of Metric Wave Lengths, by
M. -J. Martres-Trope
EUROPEAN, per, Academie des Sciences. Paris. Comptes Rendus, Vol 254, 1962, pp 3975-3980
NTC 71-16379-03B

mar 72

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

On the Morphological Development of Oxidation (By Air and By Co_2) of Pyrolytic Graphite, by Francois-Michel Lang, Pierre Maynier, et al, 6 pp.

FRENCH, per, Comptes Rendus, Vol CCLIV, 13 June 1962, pp 4114-4116. 9208780

ABC-HP-Tr-970

235,691

Sci - Chem

Jul 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Characteristics of Chromospheric Eruptions Associated with Radio Emissions Observed in the Domain of Centimetric Wave Lengths, by M. -J. Martres-Trope
EUROPEAN, per, Academie des Sciences, Paris. Comptes Rendus, Vol 254, 1962, pp 4146-4148
NTC 71-16380-033

mar 72

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Appearance of an Electromotive Force Due to the Turbulent State of an Ionised Fluid, by J. Debiesse, S. Klein.

FRENCH, per, Comptur Rundes Acad Sci, No 254, (24), 1962, pp 4151-4152.

*UKAEA
D/LIB/Tr No 60

Sci - Phys

5 Mar 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Solubility of Oxygen in Zr During the Oxidation of Zr at High Temperatures, by J. Debuigne. FRENCH, per, Comptes Rendus Acad Sci, Vol 254, 1962, pp 4168-4170.
*Nat Bur Stand TT 70-57730

Sci-Chem
Jul 70

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Hydrolysis of Uranium Monocarbide, by ~~Ha Mx~~ Morris G. Baudin, J. Besson, 6 pp.

FRENCH, per, Comptes Rendus, Vol CCLIV, 1962, pp 4179-4181. 90690.1

AEC-tr-5353

Sci - Chem
Dec 62

217.479

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Magnetic Properties of the Alloy Cr Pt with 30.0 at % of Chromium, by Andre P. Meyer. FRENCH, per. Comptes Rendus, Vol 254, No 25, 1962, pp 4266-4268.
AEC-ORNL-tr-2180-69

Sci-Nat
Aug 69

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

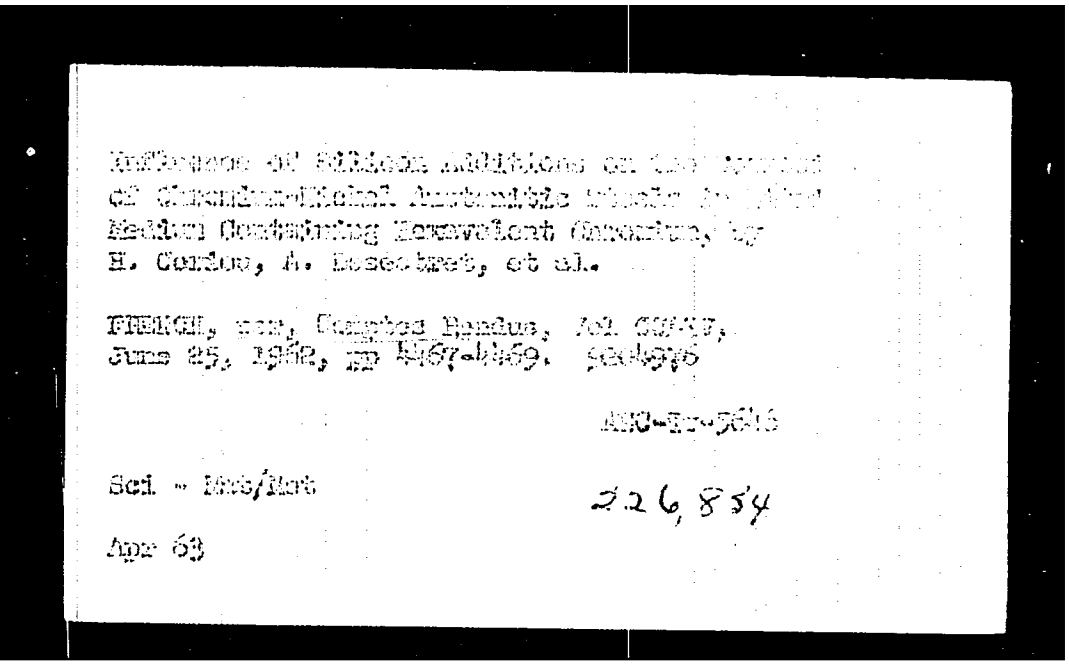
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Study of the Diffusion of Hydrogen in Ni by Electrical Resistivity Measurement, by A. Marchand, 3 pp.
FRENCH, per, C.R. Acad. Sci. vol 254, 1962, pp. 4284-4286.
*NBS TT 70-57611

Sci/chem
Jul 70

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6



Influence of Silicon Additions on the Kinetics of Chemical-Metal Reactions Which Involve Metal Combining Nonvolatile Products, by H. Condon, A. Lasaga, et al.

FTD-TT-62-[illegible]/1+2+3+4, June 25, 1962, 49 [illegible]-[illegible]. [illegible]

AF40-[illegible]-5616

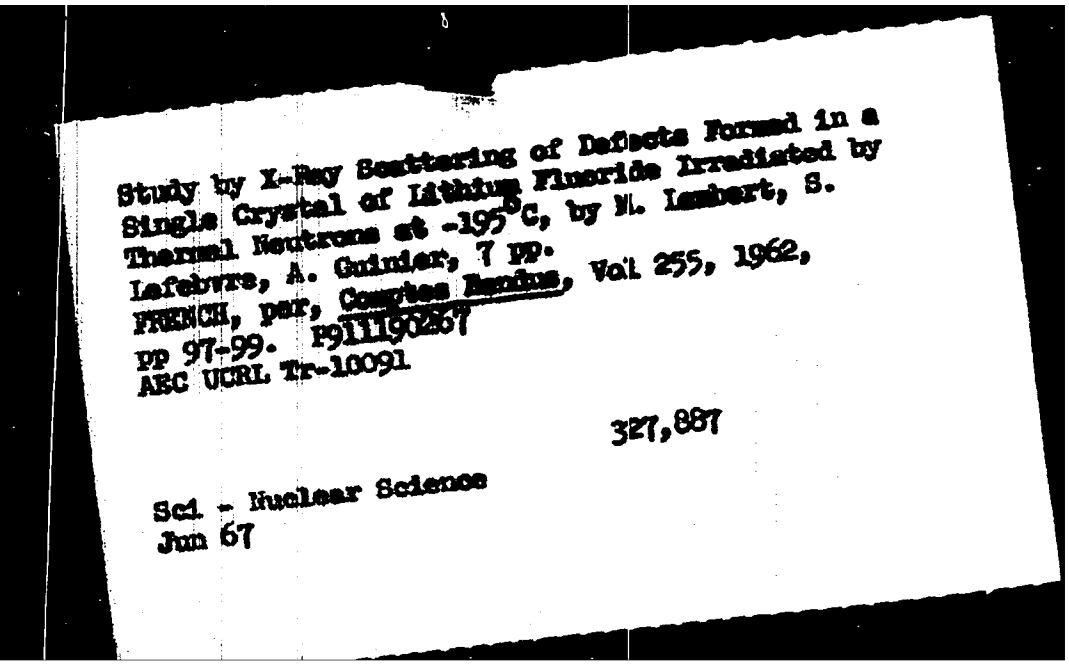
Sci - Mat/Met

26,854

App 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6



Study by X-Ray Scattering of Defects Formed in a Single Crystal of Lithium Fluoride Irradiated by Thermal Neutrons at -195°C, by M. Lambert, S. Lefebvre, A. Guinier, 7 pp.
FRENCH, par, Comptes Rendus, Vol 255, 1962, pp 97-99. P911190267
AEC UCRL Tr-10091

327,887

Sci - Nuclear Science
Jun 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Neyroles, Bernard.
THE MECHANICS OF SOLIDS: A TRIDIMENSIONAL RHEOLOGICAL MODEL REPRESENTING THE HARDENING OF STRUCTURES. [1963] 5p. 3 refs.
Order from SLA $1.10 63-14744

Trans. of Academie des Sciences [Paris]. Comptes Rendus (France) 1962, v. 255, no. 2, p. 252-254 (pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: Solids, *Hardening, *Elasticity, *Plasticity, Deformation, Mechanics, Stresses, Mathematical analysis.

(Mechanics, TT, v. 10, no. 4)

63-14744

I. Title: Rheology
I. Neyroles, B.
II. Title: Tridimensional ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Determination of the Diffusion Parameters for Hydrogen in Iron and High Strength Steels, by J. Plusquellec.
FRENCH, per, Comptes Rendus Acad Sci, Vol 255, 1962, pp 518-520.
*Nat Bur Stand TT 70-57706

Sci-Materials
Jul 70

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Application of Gas Chromatography to the Analysis of Plasticizers, by Javier Zuleica, Georges Guiochon. 5 pp.

FRENCH, per, Comptes Rendus, Vol CCLV, 1962, pp 524-526. 9207642

ABC-UCRL-Tr-9251(L)

Sci - Chem
6 Jun 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Transitory World-Wide Perturabations of the Earth's Magnetic Field Observed in France at the Time of the Space Nuclear Explosion of Julyx 9, 1962, by J. Roquet.
FRENCH, per, Comptes Rendus, Vol CCLV, No 3, 1962, pp 549-551.
Navy Tr 3913/APL T1130

Scl - Nuclear Sci & Tech
Oct 64

267,999

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Determination of Oxygen Pressures in Equilibrium With Uranium Oxides, UO_{2+x}, by Paul Gerdanian, Maurice Dode, 3pp

FRENCH, per, Compte Rendus, Vol CCLV, 1962, pp665-667/

9223552

*AEC-Tr-6410

Sci - Nucl Sci

Jul 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

The Volatility of Plutonium Carbide and Plutonium Nitride, by F. Anselin, R. Pascard. ~~Engr~~ Engr

FRENCH, per, Comptes Rendus, Vol CCLV, No 4, 1962, pp 698-700. 920781

~~*AERE Harwell~~
AEC-NP-TR-993

Sci - Chem

Apr 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

The Gamma Spectra and Half-lives of Hafnium and Lutetium Isotopes 170 and 17[illegible], by Jacques Valentin, Jean-Louis Sarrouy, et al, 4pp.

FRENCH, per, Comptes Rendus, Vol CCLV, [illegible], p 877-879

9216111

AEC-TR-6064

Sci - Nuc Sci
Sep 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Determination of Molecular Structure of Some Polyphenyl Molecules by Rayleigh Diffusion, by Pierre Bothorel, Ander Unanue. 4-7-0

FRENCH, per, Comptes Rendus, Academie des Sciences, Vol CCLV, No 5, 30 Aug 1962, pp 901Ø-902.
92 04171

(*AEC-Sci-TR-476

Sci

Mar 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Lestienne, A.
ELECTROCHEMICAL ANALYSIS OF SUBSTANCES IN THE GASEOUS STATE. [1963] 3p.
Order from ATS $3.00 ATS-73Q70F

Trans. of [Academie des Sciences, Paris]. Compt[es] Rend[us] (France) 1962, v. 255, p. 912-913 (pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Electrochemistry, *Chemical analysis, *Gases.

(Chemistry--Physical, TT, v. 10, no. 6)

63-17743

I. Lestienne, A.
II. ATS-73Q70F
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Quasi-Simultaneous Reception in France, at Kerguelen and in Terre Adelie, of the Perturbation of the Earth's Magnetic Field Caused by the Space Nuclear Explosion of July 9, 1962, by J. Roquet.
FRENCH, per, Comptes Rendus, Vol CCLV, 1962, pp 1225-1227.
Navy Tr 3912/APL T1126

Sci - Nuclear Science & Tech
Oct 64

267,998

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Direct Evidence of Impurity Enrichment at the Oxide Interface of Industrially Pure Iron, by J. Maldy, G. Cheudron.

FRENCH, per, Comptes Rendus, Vol CCLV, No 8, 1962, pp 1269-1271.

S BIBI 3105
CRL/T: 1258
235,734

Sci - M/M
Jul 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Surface Temperature Measurement by Thermocouples. Effect of Radiation, Received by the Thermocouple and of the Method of Fastening [the leads], by H. Bouisscu, H. Cordier.

FRENCH, per, Comptes Rendus Acad Sci, Vol CCLV, No 9, 1962, pp 1296-1296.

*UKAEA
Risley Tr 397

Sci - Engr

May 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

On Lunar Magnetism, by A. Dauvillier.

FRENCH, per, Comptes Rendus, Vol CCLV, No 12, 1962, pp 1428-1430.

NASA TT F-8315

Sci
Apr 63
US GOV'T ONLY

229,244

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Relativistic Magnetohydrodynamic Equations, by M. Zaganescu, G. Drecin.

FRENCH, per, Comptes Rendus, Vol CCLV, No 12, 1962, pp 1436-1437.

NASA TT F-8323

Sci
Apr 63
US GOV"T ONLY

229,1.6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

On the Thermal Equilibrium of Electrons in the Chromosphere, by S. Souffrin, A. Danjon.

FRENCH, per, Comptes Rendus, Vol CCLV, No 12, 1962, pp 1438-1440.

NASA TT F-8318

Sci
Apr 63
US GOV'T ONLY

229,192

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Specific Rate of Oxidation in Air and Carbon Dioxide of Various Purified Graphites, by F. M. Laug, 5 pp.

FRENCH, per, Comptes Rendus, Vol CCLV, 1952, pp 1511-1513. (9208246)

AEC-tr-9530

Sci - Chem

Jun 63

234,295

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Development of Instruments for Graphic Determination of the Principal Characteristics of a Supercritical flow in a Curved Channel, of Rectangular Cross-Section, by P. Sananes, T. Acatay.
FRENCH, per, Comptes Rendus, Vol CCLV, No 14, 1962, pp 1572-1574.
Dept of Navy Tr 4550/APL No T-1514

Sci - Eng
Dec 1965 292,77[illegible]

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Godart, Jean and Baravian, Gérard.
DISCHARGE IN GASES: INFLUENCE OF THE NATURE OF THE GAS ON THE TIME OF DEIONIZATION OF A GAS TUBE (CASE OF CONTINUOUSLY APPLIED VOLTAGE). [1963] 5p 2refs
Order from SLA $1.10 TT-63-20921

Trans. of [Académie des Sciences, Paris]. Comptes Rendus (France) 1962, v. 255, no. 14, p. 1592-1594 (pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Gas ionization, Discharge tubes, Helium group gases, Electric fields, Electrodes, Electrons, Density, *Electric discharges, Electric potential, Gas discharges,

(Physics--Electronics, TT, v. 11, no. 9)

TT-63-20921

I. Godart, J.
II. Baravian, G.
III. Title: Influence...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

A New Mode of Coupling Between the Magnetizations of Two Thin Ferromagnetic Films, by Louis Neel, 7 pp.
GOVERNMENT USE ONLY
FRENCH, per, Compt Rend., No 255, 1962, pp 1676-1681.
ARM/FSTC/HT-23-1241-71

Mar 72

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

On a Difference in the Dimensions of Photospherical Granules in the Vicinity of, and Far From, the Sunspot Penumbra, by C. J. Macris, et al.

FRENCH, per, Comptes Rendus, Vol CCLV, No 16, 1962, pp 1862-1864.

NASA TT F-8322

Sci
Apr 63
US GOV'T ONLY

129,249

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

New System of Isotherms For Solid Mixtures, by P. Racah, P. Vallet.

FRENCH, per, Academie des Sciences, [illegible]
Comptes-Rendus, Vol CCXV, No 16, 1942, pp 421-421.

CRL/T. 1245

Sci-M/M

Oct 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Ionosphere Temperature Measurement Beginning From the Rotation Spectrum of the AlO Molecule, by Bernard-Authier, J. E. Blamont, et al.

FRENCH, per, Comptes Rendus, VolCCLV, No 16, 1962, pp 1974-1976.

NASA TT F-8319

229,203

Sci.
Apr 63
US GOV'T ONLY

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Electron Irradiation of Fe-Ni Alloys, by
W. Chambron.
FRENCH, per, Comptes Rendus Acad Sci, Vol 255,
1962, pp 2037-2039.
*Nat Bur Stand TT 70-57718

Sci-Materials
Jul 70

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Configurations of High Frequency Electromagnetic Fields in Association With a Magnetostatic Field With the View of Confining a Plasma, by J. Pottier.

FRENCH, pmr, Comptes Rendus, Vol CCLV, No 17, 1962, pp 2066-2068.

NASA TT F-8337

Sci
Apr 63
US GOV'T ONLY

229,221

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

A Study of the Series $\sum n^{-4}$ (n Positive Integer) Encountered in the Study of the Growth of Polymers, by Jacques Ravatin, Guy Mesnard, 3 pp

FRENCH, per, Comptes Rendus, Academie des Sciences, Vol CCLV, 1962, pp 2098-2099. 92197 34

*AEC - SC-T-62-Y

Nucl Sci

Nov 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Bot, Jacques le.
DIELECTRIC STUDY OF ALUMINA SAMPLES. [1963]
6p. 4 refs.
Order from SLA $1.10 63-18738

Trans. of [Academie des Sciences, Paris]. Comptes Rendus (France) 1962, v. 255, p. 2247-2249 (pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Aluminum compounds, Oxides, *Hydrates, *Band spectrum, Dipole moments, Heat of activation, *Minerals, *Absorbants, Gels, Cements, Dielectrics.

The water bands of hydrargillite, pseudo-boehmite, boehmite, gamma gel U_1, and activated alumina S_1 were studied by means of Hertzian spectroscopy (100 cps to 100 Kcps). It was found that hydrargillite and pseudo-boehmite did not exibit dipolar relaxation (Chemistry--Physical, TT, v. 10, no. 11) (over)

63-18738

1. Title: Boehmite
2. Title: Hydrargillite
3. Title: Pseudo-boehmite
I. Bot, J. le

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

I. Effect of the High-Altitude Thermonuclear Explosion of 9 July 1962 on the Resonance of the Earth-Ionosphere Cavity, by R. Gendrin, R. Stefant.

FRENCH, Per, Comptes Rendus, VolCCLV, No 18, 1962, pp 2273-2275.

NASA TT F-8333

Sci
Apr 63
US GOV'T ONLY

229,233

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

New Indications of the Existence of Extensive Atmosphere Showers Attributable to the Primary Photons, by R. Firkowski, J. Gavin, et al.

FRENCH, per, Comptes Rendus, Vol CCLV, No 19, 1962, pp 2411-2413.

NASA TT F-8339

Sci
Apr 63
US GOV'T ONLY

229,237

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

II. Therpretation. Effect of the High Altitude Thermo nuclear Explosion of 9 July 1962 on the Resonance of the Earth-Ionosphere Cavity, by R. Gendrin, et al.

X FRENCH, per, Comptes Rendus, VolCCLV, No 19, 1962, pp 2493-2495.

NASA TT F-8334

Sci
Apr 63
US GOV'T ONLY

229,226

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

On Measurement of the Spectral Density of a Noise in Geophysics Application to the Earth's Ionosphere Cavity, by R. Benoit, A. Bouri.

FRENCH, per, Comptes Rendus, Vol CLV, No 18, 1962, pp 2496-2498.

NASA TT F-8335

3ci
Apr 63
US GOV'T ONLY

229,202

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

On the High-Frequency Plasma Generator, by
Francois Galtier, 6 pp.
FRENCH, per, Comptes Rendus, Vol CCLV, 1962,
pp 2539-2541. 9222651
AEC-Tr-6380

Sci-Engr
Jun 64

260,914

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Obtaining an Alternating e.m.f. Using Sound Waves Propagated in an Ionised Gas, by E. Bacconnet, et al.

FRENCH, per, Comptus Rundes Acad Sci, No 255 (20), 1962, pp 2568-2570.

*UKAEA
D/LIB/Tr No 74

Sci - Electron

5 Mar 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Study of Sun-Earth Transit Times of Geomagnetic Perturbations, by C. Caroubalos
FRENCH, per, Academie des Sciences. Paris. Comptes Rendus, vol 255, 1962, pp 2620-2622
NTC 71-15319-94A
NASA TT F-8315
Govt Only

mar 72

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

A New Type of Geophysical Effect, Connected With the Solar Flare of 3 July 1957 and Observed at the Dumont D'urville Antarctica Station, by A. Lebeau, G. Weill.

FRENCH, per, Comptes Rendus, Vol CCLV, No 20, 1962, pp 2632-2634.

NASA TT F-8344

Sci
Apr 63
US GOV'T ONLY

229,248

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Philibert, Jean and Weinryle, Elie.
STUDY OF SECONDARY ELECTRONIC EMISSION IN CASTAING'S MICROPROBE. [1963] 6p 5refs
Order from SLA $1.10 63-20344

Trans. of Academie des Sciences [Paris]. [Comptes Rendus] 1962, v. 255, p. 2757-2759 (pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Secondary emission, Electron beams, Microanalysis, Electron bombardment, *Probes (Electromagnetic), *Metallography, Microstructure.

The measuring of the sample current in the Castaing microprobe permits evaluation, under determined conditions, of the back-scattered and secondary emission of electrons η and Δ at the point of impact of the electronic probe. The possibilities of an application to quantitative or qualitative analysis are briefly discussed. (Author)
(Metallurgy--Structural, TT, v. 10, no. 10)

63-20344

I. Title: Castaings microprobe
I. Philibert, J.
II. Weinryle, E.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Night Effects on Long Waves of Ionospheric Disturbances With Sudden Commencement, by M. Bertrand.

FRENCH, PHr, Comptes Rendus, Vol CCLV, No 22, 1962, pp 3028-3030.

NASA TT F-8346

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*NBS TT 70-57610

Sci/mater
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NASA TT F-8319

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Sci
Apr 63
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AEC-Tr-5741

Sci - Nucl Sci

Jul 63

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NASA TT F-8380

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3

NASA TT F-8381

Sci
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*AEC AEKE

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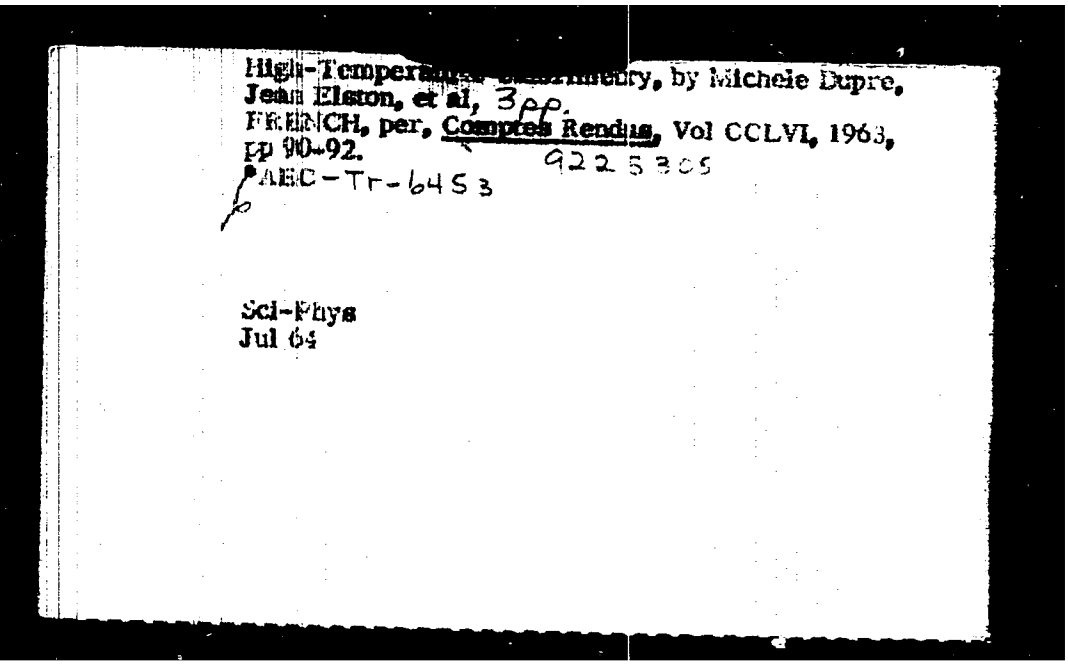

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9225305

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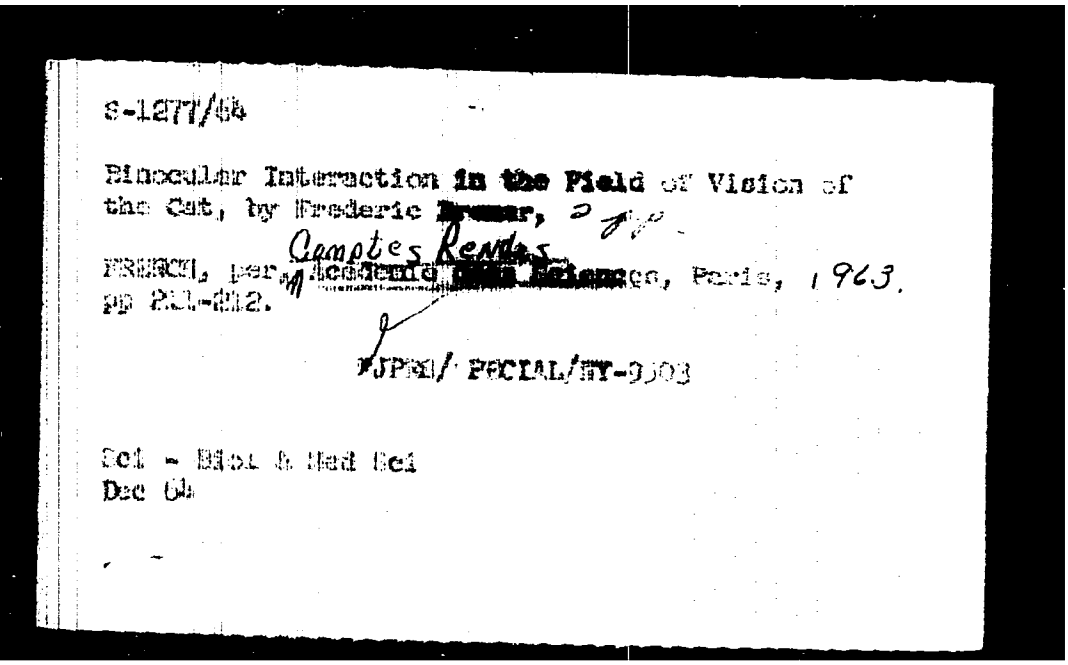

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FJPRS/ PSCIAL/NY-9303

Sel - Biol & Med Sci
Dec 64

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CSIRO No. 1362

Sci -
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AEC-Tr-5705

Sci - Chem

Jun 63

231.4.2

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HEW NIH 7-49-65

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Aug 65

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NTC-71-11443-02A

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

Effect of Actinomycin D on the Induced Synthesis of β-Galactosidase and the Specific RNA Synthesis by a Subcellular Fraction of Escherichia Coli K 12, by Mme Bentzon Nisman, Jean Pelmont, et al, 7 pp.

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AEC-Tr-5709

Sci - Nucl Sci

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Order from ATS $4.50 ATS-10Q70F

Trans. of [Academie des Sciences, Paris]. Compt[es] Rend[us] (France) 1963, v. 256, p. 634-637 (pub. by Gauthier-Villars et Cie Paris).

DESCRIPTORS: *Magneto-optic effect, Salts, High temperature research, Measurement.

(Physics, TT, v. 10, no. 6)

63-17735

I. Zarzycki, J.
II. Naudin, F.
III. ATS-10Q70F
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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*AEHE - Harwell

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Hydrolysis of Mixtures of Uranium [redacted] Mono- and Dicarbide, by Jean Besson, Pierre Blum, [redacted] et al, 8 pp.

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AEC-Tr-5718

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Jul 63

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NIH 10-41-64

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Pardo, Marie Paule, Flahaut, Jean, and Domange, Louis.
THE TELLURIDES OF THE ELEMENTS OF THE RARE EARTHS WITH A GENERAL FORMULA MTe_2. [1963] 4p. 3 refs.
Order from SLA $1.10 TT- 63-18164

Trans. of [Academie des Sciences] Paris. Comptes Rendus (France) 1963, v. 256, no. 4, p. 953-955 (pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Rare earth compounds, *Lanthanum compounds, *Cerium compounds, *Praseodymium compounds, *Neodymium compounds, *Dysprosium compounds, *Tellurides, X-ray diffraction analysis, Crystal structure, *Crystal lattices.

Tellurides of La, Ce, Pr, Nd, Sm (with the general formulae MTe_2, $MTe_{1.9}$, $MTe_{1.8}$, and $MTe_{1.7}$), (Chemistry--Inorganic, TT, v. 11, no. 1) (over)

TT- 63-18164

I. Pardo, M. P.
II. Flahaut, J.
III. Domange, L.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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A Mechanism of Ductile Fracture of Metals, by J. Plateau, J. Gurland FRENCH, per, Comptes Rend., Vol 256, 28 Jan 1963, pp 1109-1112
DISI 5545

Sci/Materials 364.125
Sep 1968

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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*NTIS/NBS TT 71-55212
Available NBS Only

July 71

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NASA TT F-8606

Sci - Phys
May 64
U.S. GOVERNMENT[redacted] ONLY

258,648

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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U.K.A.E.A. Risley Tr 1248
(Loan only)

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Sci -
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The Tellurides L_3Te_4 and L_2Te_3 of the Rare Earth Elements Having Crystal Type of Thorium Phosphide Th_3P_4, by M. -P. Pardo.
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NTC-71-11237-07B

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BISI 3513

Sci/R&D
Aug 65

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BISI 3514

Sci/MGM
Aug 65

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NIH 7-51-65 (On Loan)

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AEC UCRL-tr-1329

Sci/Physics
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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NASA TT F-8614

Sci - Phys
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Sci - Phys
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NIH 7-23-63

Sci - Biol & Med
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Free, Plane, Laminar Jet of a Noncompressible Fluid
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by R. Moreau.
FRENCH, per, Comptes Rendus, Vol CCLVI, 1963,
pp 2294-2296.
NASA TT F-90194

Sci-Phys
Nov 64
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NASA TT F-8608

Sci - Aero
May 64
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AEC Sc-7-65-766

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AEC - Sci - T - Soy

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AEC-HW-Tr-55

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Nov 63

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NASA TT F-8621

Sci - M/M
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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Shock Wave "Without Collisions" in a
Test of Linear Striction, by
Jean-Louis Bobin, 5 pp.
FRENCH, per, Comptes Redus des Seances de
L'Academie des Sciences, Vol CCLVI, No 13,
25 Mar 1963, pp 2801-2804.
Dept of Navy Tr 4604/NRL Tr No 1051

Sci-Math
May 66

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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FRENCH, per, Comptes Rendus Academie des Sciences, Vol CCLVI, No 3, 1963, pp 2734-2736 92/2744

AEC-Sc-Tr-516

Sci - Chem
Sep 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

AEC [4](SLAC-Trans-141) [5]DIFFERENTIAL PATH LENGTH OF THE PHOTONS PRODUCED BY AN ELECTRON OF VERY HIGH ENERGY IN A THICK TARGET. [6]Clement, Gerard. [10]Translated for Stanford Linear Accelerator Center, Calif., from [15]Compt. Rend.; 257: 2971-3 (13 Nov 1963). [20]3p. [24]Dep. NTIS.

[26]physics (nuclear); physics (particle); translations [27]20H

[28]MN-34 [29]P NSA

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Measuring the Amount of Water Vapor Content in the Martian Atmosphere, by A. Dollfus.
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NTC 72-10628-03B
NASA TT F-8602
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Apr 72

255,002

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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Electron Paramagnetic Resonance of a Pyrocarbon, by M. Cerutti, et al, 3pp.

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Sci - Chem
Sep 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200800048-6

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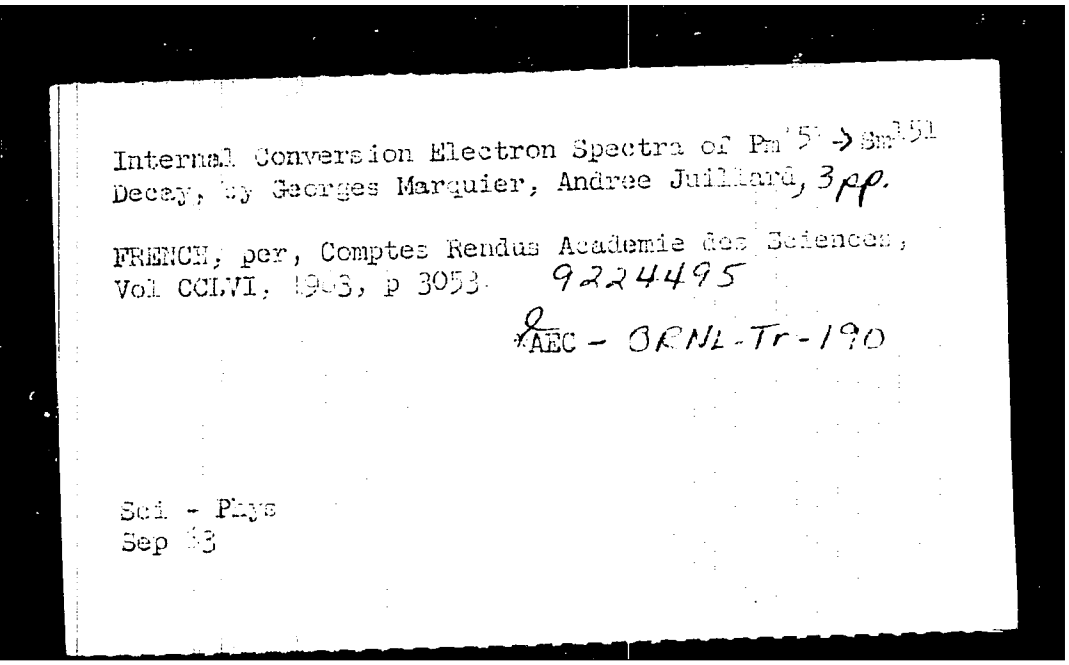

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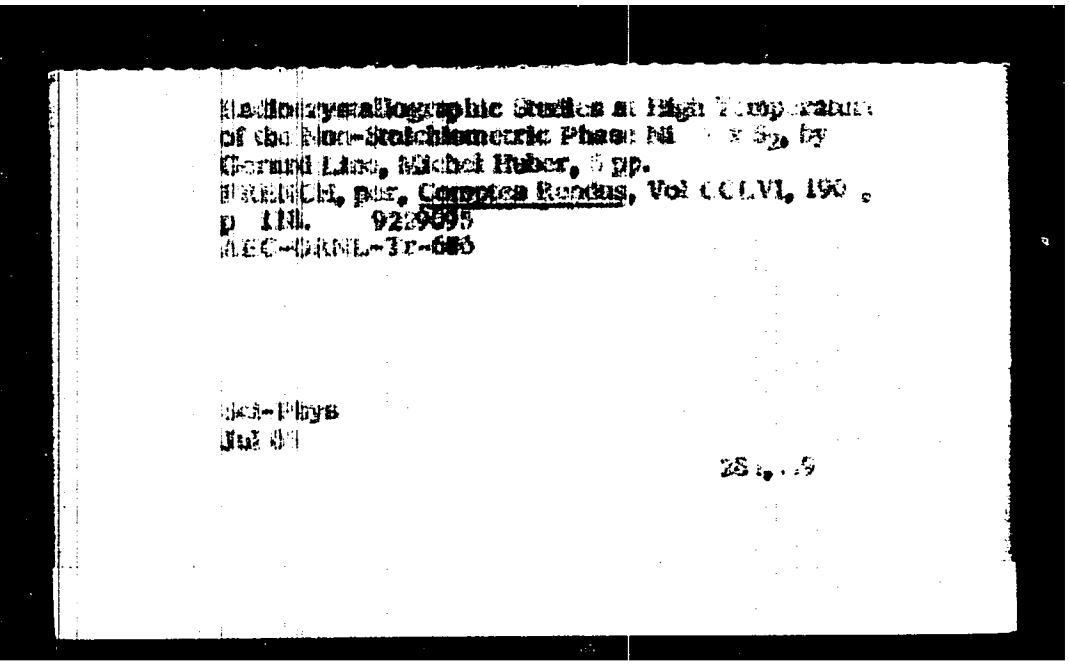

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